ABSTRACT

The present invention relates to a device for the detection of a fluorescent dye in a sample, comprising a radiation source means with the aid of which light for exciting the fluorescent dye to be detected can be transmitted into the sample applied to a carrier, and a detecting means for detecting fluorescent light which has been emitted by the fluorescent dye to be detected. The present invention is characterized by a hollow space having an internal high-reflectance surface, a first aperture directed towards the sample, and a second aperture located opposite the detecting means.